

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Sheet	1	of	1	Application Number	09/677,304
				Filing Date	September 29, 2000
				First Named Inventor	2834 Yukihisa TAKEUCHI
				Art Unit	2834
				Examiner Name	Dougherty, T.
				Confirmation No.	2413
				Attorney Docket No.	789 056 RCE

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
7m5	4,805,057	02/14/1989	Ogawa et al.		360	109	4/22/1987

U.S. COPENDING APPLICATIONS

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	<i>Thomas M. Dougherty</i>	Date Considered:	7-7-03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. COPENDING APPLICATIONS

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
DM	10/281,373 (claims only)	10/25/2002	Takeuchi et al.	789_055 DIV	—	—

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